Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 22 Mar 2021 until 23:59 on Tuesday 23 Mar 2021

Forecast Issued on Sunday 21 Mar 2021 at 10:07

Confidence: High confidence in generally outlook of declining high pressure over the area. Lower confidence in cloud amounts and rainfall on Tuesday and Thursday.

Headline for Monday 22 Mar 2021: A dry bright start but clouding over later.

Mountain weather hazards on Monday 22 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Dull	Dull
Precipitation probability							
10%	10%	10%	10%	20%	20%	20%	20%

Forecast for Monday 22 Mar 2021

Weather: Clear overnight with a frost expected in sheltered areas. A dry and bright start to the day with plenty of spring sunshine, generally dry all day but becoming a bit cloudier later in the day and possibly quite dull at times during the evening.

Chance of cloud free mountain/hill tops above 800m: 80% chance, scattered low cloud around in the far west and south.

Visibility: Generally good visibility with some excellent views around the fell tops but some lower cloud forming at times around the exposed south and western slopes, this will be around 600m and above.

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Forecast for Monday 22 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	9/12 W	12/17 W	13/16 SW	15/20 SW	17/24 SW	17/24 SW	16/21 SW	16/20 SW	17/22 SW
600	8/11 W	13/20 W	11/15 SW	12/17 SW	16/23 SW	16/23 SW	13/18 SW	12/17 SW	14/19 SW
300	5/10 W	6/14 W	4/12 W	6/14 SW	8/18 SW	8/18 SW	5/14 SW	5/14 SW	6/14 SW
Valley	2/6 W	4/11 W	3/8 SW	5/11 SW	10/18 SW	9/17 SW	7/13 SW	7/14 SW	9/17 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-3	-0/-5	-0/-6	1/-5	1/-5	1/-5	0/-5	0/-5	1/-5
600	2/-2	1/-4	1/-3	3/-2	3/-2	3/-2	2/-2	2/-2	2/-2
300	3/1	3/-0	3/1	6/3	6/4	6/4	5/3	5/3	4/2
Valley	5/4	5/4	6/4	7/6	8/6	8/6	7/5	7/5	7/4
Freezing Level*	800m	1300m	1200m	1200m	1000m	1000m	900m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant wind chill is expected at height but freezing level is around the hill tops.

Forecast for Tuesday 23 Mar 2021

Weather: Cloudy overnight but mainly dry. Largely dry on Tuesday morning but becoming increasingly cloudy as a front approaches from the west later in the day bringing some light rain in the evening. Falling as snow on the higher fell tops.

Maximum wind: Southwesterly 15mph gusts 25mph increasing 25mph gusts 40mph by later in the afternoon.

Chance of cloud free mountain/hill tops above 800m: 60% in the morning, lowering to 40% in the afternoon.

Visibility: Some lower cloud forming at 600m particularly in the west in the morning, low cloud becoming broken around 500m and above. Best chance of clear tops will be in the east and north of the national park.

Temperature: **Valleys:** Plus 5 rising to plus 8 Celsius.
At 800m: Plus 1 Celsius.
Freezing level: around 1000m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 21 March 2021 Location: Helvellyn summit at 1140 Full report: The remaining snow cover is continuing to thaw at all levels and the vast majority of paths can now be followed without setting foot on snow. However Striding Edge still presents a significant winter hazard with a steep bank of snow above a large drop on the exit slopes to the Helvellyn plateau. The snow was soft and granular today but firmer where it has been compressed by walkers feet. Due to the serious consequences of a slip here the security of an ice axe and microspikes would be a very sensible addition to your equipment for anyone tackling the Hevellyn Edges. Swirral Edge has less snow cover but there is still a very short section to cross. The rest of the remaining snow is generally to be found on steep N through E aspects above 750m and in sheltered hollows and gullies. Cornices still exist above many steep slopes mainly but not exclusively those with a N through E aspect. These are very unstable in the warmer temperatures so please give them a wide berth and advise others with less experience to do likewise. Temperature: plus 3.5 C Maximum wind speed 10.9 mph Wind chill: minus 0.5 C Average wind speed: 7.1 mph

Issued at: 1007 on Sun 21 Mar 2021

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